

1 **ABSTRACT OF THE DISCLOSURE**

2 A tool holding and working piece-clamping assembly has a stand, a
3 driving device, a threaded rod, a rail assembly, a brake post, a working piece-
4 clamping device and a tool holding device. The working piece-clamping device
5 has an upper clamping device slidably connected to the rail assembly and a lower
6 clamping device corresponding to the upper clamping. The working piece-
7 clamping device has a brake electrically connected to a contact switch and
8 slidably mounted on a brake post. The tool holding device is slidably connected
9 to the rail assembly and has a connecting base screwed with the threaded rod.
10 With such an arrangement, only one threaded rod with a driving device is needed
11 to actuate the tool holding device and the working piece-clamping device to
12 operate. Consequently, the consumption of power can be reduced.